

Converting Colors

$Yxy(45.6639, 0.3493, 0.4188)$

Have a look what the booklet for
Yxy(45.6639, 0.3493, 0.4188)
contains.

Yxy(45.6037, 0.3497, 0.4188)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.6037, 0.3497, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	ABBB7A
RGB	171, 187, 122
RGB Percent	67%, 73%, 48%
CMY	0.3294, 0.2667, 0.5216
CMYK	0.09, 0.00, 0.35, 0.27
HSL	75°, 32%, 61%
HSV	75°, 35%, 73%
XYZ	38.0793, 45.6037, 25.2083
YIQ	174.8060, 11.3290, -23.6070

Conversions

Conversions Part 2

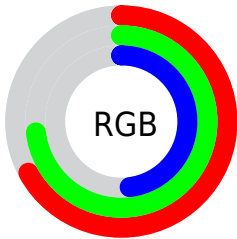
Format	Color
R _{YB}	122, 187, 138
Decimal	11254650
CIE Lab	73.29, -16.26, 31.14
CIE LCh	73, 35.128, 117.577
Yxy	45.6037, 0.3497, 0.4188
Android (android.graphics.Color)	4289444730 (0xFFABBB7A)
YUV	174.8060, -26.0334, -3.3379
Hunter-Lab	67.5305, -17.5253, 25.1391

Details

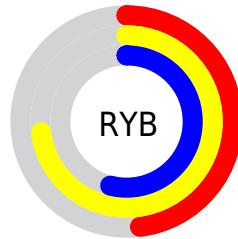
The Yxy color **45.6037, 0.3497, 0.4188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.9109, 0.2658, 0.2306**, and the grayscale version is **42.8987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5272, 0.3437, 0.4018**, and **21.3696, 0.3585, 0.4463** is the 20% darker color. If you saturate the color by 10%, you get **44.6781, 0.3592, 0.4452**, and if you desaturate by 10%, it is **46.6406, 0.3393, 0.3920**.

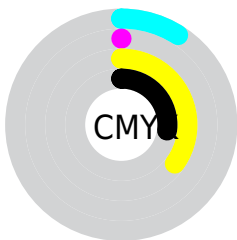
Distribution



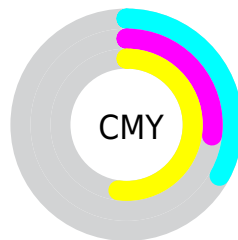
- Red (67%)
- Green (73%)
- Blue (48%)



- Red (48%)
- Yellow (73%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)




- Cyan (33%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6037, 0.3497, 0.4188 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.6037, 0.3497, 0.4188 by changing the saturation by 10% instead.


 45.6037, 0.3497,
0.4188


 45.6037, 0.3497,
0.4188


369.2131, 0.3323,
0.3726


 31.9332, 0.3536,
0.4306


 83.6256, 0.3437,
0.4018

 21.3105, 0.3581,
0.4457


 108.7458, 0.3414,
0.3955

 13.3511, 0.3635,
0.4659


 138.4513, 0.3393,
0.3902

 7.6708, 0.3695,
0.4937

173.1266, 0.3375,
0.3856

 3.8850, 0.3766,
0.5364

213.1560, 0.3360,
0.3817

 1.6095, 0.3859,
0.6141

258.9240, 0.3346,

 0.3640, 0.0000,

0.3783

1.0000

310.8149, 0.3334,
0.3753

0.0000, 0.0000,
0.0000

45.6037, 0.3497,
0.4188

45.6037, 0.3497,
0.4188

44.6781, 0.3592,
0.4452

46.6406, 0.3393,
0.3920

43.8523, 0.3672,
0.4701

47.7875, 0.3286,
0.3657

43.1225, 0.3734,
0.4925

49.0511, 0.3178,
0.3405

42.4823, 0.3773,
0.5113

50.4356, 0.3072,
0.3168

41.9240, 0.3787,
0.5257

51.9452, 0.2971,
0.2948

■ 41.4386, 0.3775,
0.5354

■ 53.5835, 0.2876,
0.2747

■ 41.2034, 0.3764,
0.5393

■ 55.3544, 0.2787,
0.2564

■ 56.1452, 0.2807,
0.2551

■ 56.8211, 0.2840,
0.2558

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.6037, 0.3905, 0.4061



45.6037, 0.3497, 0.4188



45.6037, 0.3009, 0.4027

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.6037, 0.3497, 0.4188



45.6037, 0.2231, 0.2729



45.6037, 0.3680, 0.2980

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.6037, 0.3497, 0.4188



22.9109, 0.2658, 0.2306

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.6037, 0.3186, 0.2683



45.6037, 0.3497, 0.4188



45.6037, 0.2375, 0.2528

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.6037, 0.3497, 0.4188



45.6037, 0.2299, 0.3116



45.6037, 0.2712, 0.2520



45.6037, 0.4029, 0.3357

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.6037, 0.3497, 0.4188



45.6037, 0.2706, 0.3767



45.6037, 0.2712, 0.2520



45.6037, 0.3523, 0.2869

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.6057, 0.3497, 0.4188



86.5989, 0.3236, 0.3540



29.9100, 0.3864, 0.3505



19.0009, 0.3251, 0.3575



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.6057, 0.3497, 0.4188



80.3464, 0.3573, 0.4398



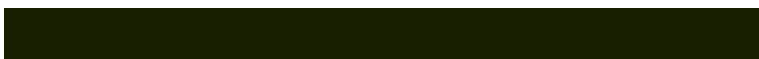
42.4648, 0.3219, 0.4273



10.9991, 0.3227, 0.3519



28.4239, 0.3769, 0.5389



1.1422, 0.3876, 0.5305

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.9109, 0.2658, 0.2306



33.3872, 0.2524, 0.2048



26.0172, 0.2982, 0.2392



9.3357, 0.3021, 0.3055



2.9015, 0.1650, 0.0683



0.1454, 0.1910, 0.0826

Previews

White Background



This preview shows how the Yxy color 45.6037, 0.3497, 0.4188 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.6037, 0.3497, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

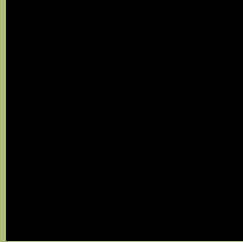
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6037, 0.3497, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 45.6037, 0.3497, 0.4188.



This preview shows how white text looks on a background with the Yxy color 45.6037, 0.3497, 0.4188.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.6037, 0.3497, 0.4188

Protanopia

45.5765, 0.3772, 0.4078

Deuteranopia

45.2819, 0.3942, 0.3864



Tritanopia

45.3499, 0.3033, 0.3108

Trichromacy



Original Color

45.6037, 0.3497, 0.4188

Protanomaly

45.6621, 0.3666, 0.4126

Deuteranomaly

44.9053, 0.3773, 0.3972

Tritanomaly

45.1849, 0.3205, 0.3478

Monochromacy



Original Color

45.6037, 0.3497, 0.4188

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6392, 0.3271, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6037, 0.3497, 0.4188 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 187, 122)` looks like.

```
.text, #text, p{  
    color:rgb(171, 187, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 187, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 187, 122) }
```

Border

The CSS property to change the border of an element to Yxy 45.6037, 0.3497, 0.4188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 187, 122) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 187, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 187, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 187, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 187, 122);  
box-shadow:4px 4px 4px 4px rgb(171, 187,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6037, 0.3497, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 187, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
187, 122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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